

*RibWave* by Joanna Ang



@joangknit #RibWavePullover

## FINISHED BUST MEASUREMENTS

	XS	S	M	L	XL	2XL	3XL	4XL	5XL
cm	105.5	112.5	116.5	123.5	128	136.5	145.5	154.5	165.5
inches	41½	44¼	46	48½	50¾	53¾	57¼	60¾	65¼

Suggested ease: 15 to 25 cm / 6 to 9". Sample shown in size XS with 22.5 cm / 8¾" positive ease. Please refer to the schematic on page 3 for detailed measurements of the garment.

## YARN

1 strand of fingering weight yarn and 1 strand of lace weight yarn are held together throughout the pattern.

Sample 1: Woollentwine Fibrestudio BFL/Masham 4 ply (75% bluefaced leicester, 25% mid brown masham; 400 m / 437.5 yards per 100 g)

Fingering weight yarn (shown in "Blush")

Sample 2: Knitting for Olive Merino (100% non-mulesed merino; 250 m / 273.5 yards per 50 g)

Fingering weight yarn (shown in "Cloud")

	XS	S	M	L	XL	2XL	3XL	4XL	5XL
metres	910	990	1065	1165	1265	1345	1495	1570	1675
yards	995	1085	1165	1275	1385	1470	1635	1715	1830
skeins (sample 1)	3	3	3	3	4	4	4	4	5
balls (sample 2)	4	4	5	5	6	6	6	7	7

Knitting for Olive Soft Silk Mohair (70% mohair, 30% silk; 225 m / 246 yards per 25 g)

Lace weight yarn (both samples shown in "Soft Rose")

	XS	S	M	L	XL	2XL	3XL	4XL	5XL
metres	995	1080	1165	1275	1385	1470	1635	1720	1830
yards	1090	1180	1275	1395	1515	1610	1790	1880	2000
balls	5	5	6	6	7	7	8	8	9

## NEEDLES

One 3 mm / \*US 2 or US 3 circular needle, 60 cm / 24" or longer for hem and cuff.

\*(Since 3 mm needle does not exist in US size, choose a size that allows you to obtain the gauge.)

One 4 mm / US 6 circular needle, 60 cm / 24" or longer for body and sleeves.

Optional: (One set of 4 mm / US 6 DPNs or longer circular needle for working sleeves in the round, one 3.5 mm / US E-4 crochet hook for neckline finishing)

## NOTIONS

2 lockable stitch markers, stitch markers, cable needle, stitch holders or waste yarn, tapestry needle.

## GAUGE

The swatches are knitted with 1 strand of fingering weight yarn and 1 strand of lace weight yarn held together. Adjust needle size if necessary to obtain the correct gauge.

18 sts and 25.5 rows / rnds = 10 cm / 4" in Stockinette stitch, using size 4 mm / US 6 needle, after blocking.

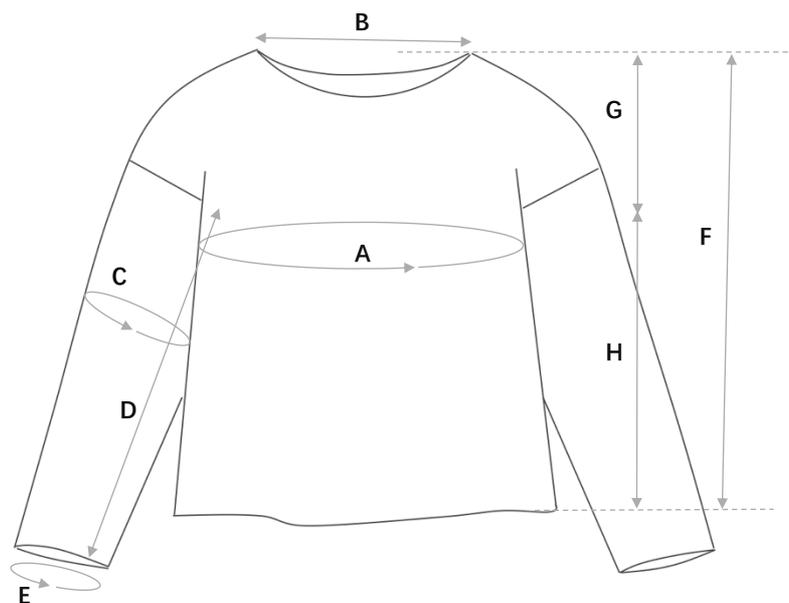
24.5 sts and 28 rows / rnds = 10 cm / 4" of 2 horizontal repeats of Charts A and B on page 14, using size 4 mm / US 6 needle, after blocking.

26 sts and 30 rows/rnds = 10 cm / 4" in 1x1 rib, using size 3 mm / US 2 or US 3 needle, after blocking.

## SCHEMATIC

Sizes XS (S, M, L)(XL, 2XL, 3XL)(4XL, 5XL)

- A. Bust circumference
- B. Neck width
- C. Upper arm circumference
- D. Sleeve length from underarm
- E. Cuff circumference
- F. Shoulder to hem
- G. Neck edge to armhole length
- H. Underarm to hem



	XS	S	M	L	XL	2XL	3XL	4XL	5XL	
A	105.5	112.5	116.5	123.5	128	136.5	145.5	154.5	165.5	cm inches
	41½	44¼	46	48½	50¼	53¾	57¼	60¾	65¼	
B	23	23	24	25	26	26	26	27	27	
	9	9	9½	9¾	10¼	10¼	10¼	10¾	10¾	
C	35.5	37.5	41	44	46.5	46.5	50	50	50	
	14	14¾	16	17½	18¼	18¼	19½	19½	19½	
D	45	46	46	46.5	46.5	46	45.5	45.5	45	
	17¾	18	18	18¼	18¼	18	17¾	17¾	17¾	
E	25.5	27	29	31.5	33	33	35.5	35.5	35.5	
	10	10½	11½	12½	13	13	14	14	14	
F	55	56	59	62	65	67	72	73	74	
	21¾	22	22¼	24½	25½	26½	28¼	28¾	29¾	
G	24	25.5	27	28.5	30	30	32	32	33.5	
	9½	10	10¾	11¼	12	12	12½	12½	13	
H	31	30.5	32	33.5	35	37	40	41	40.5	
	12¼	12	12½	13¼	13¾	14½	15¾	16¼	16	

## SPECIAL TECHNIQUES

1. German Twisted Cast-on: <https://www.youtube.com/watch?v=UcwmCulylll>

**Note for tight knitters:** If you knit tightly, consider slightly loosening your tension when working the German twisted cast-on. Additionally, consider using a smaller needle for picking up stitches for the Back section on page 8.

2. German Short Rows: <https://www.youtube.com/watch?v=52qy8OOB-s0>

3. Cabling without a Cable Needle: <https://www.youtube.com/watch?v=Vtf4WBpz2XU>

4. Cable Cast-on: <https://www.youtube.com/watch?v=4YUfdREnSQI>

**Note for loose knitters:** Consider using a slightly smaller size needle for cable cast-on.

5. Tubular Bind-off: <https://www.youtube.com/watch?v=FNbanlVzbxw&t=1s>

- I. Insert the tapestry needle into the first st on your LN knitwise, pull the yarn through and remove the st from the LN.
- II. Next, insert the needle into the second st on your LN purlwise and pull the yarn through.
- III. Insert the tapestry needle into the first st purlwise, pull the yarn through and remove the st from the LN.
- IV. From the back, insert the tapestry needle between your first and second st on the LN. Then, insert the tapestry needle into the second st knitwise and pull the yarn through.
- V. Insert the tapestry needle into the first st knitwise, pull the yarn through and remove the st from the LN.
- VI. Repeat the steps from II to V until you reach the last remaining st on your LN.
- VII. To bind off the last st, insert the tapestry needle into the first bound-off st purlwise, pull the yarn through. Then insert the needle into the last remaining st purlwise and remove that st from the LN.

6. Slip Stitch Bind-off using a Crochet Hook:

- I. <https://www.youtube.com/watch?v=rMc7AeDwkdU>
- II. <https://www.youtube.com/watch?v=ihZ4tlxE7zE>

**Note:** I recommend using a 3.5 mm / US E-4 crochet hook for this bind-off method. Begin the slip stitch bind-off from the first cable cast-on stitch at the left back neck, and finish off at the edge of the left front neck.

7. Blocking: <https://brooklyntweed.com/pages/blocking-101>.

## CONSTRUCTION NOTES (PLEASE READ THROUGH)

- The pullover is constructed from the top down. To begin, the front panel is knitted flat, incorporating German short rows to shape the shoulders and neckline. Once the front section is worked to the underarm, it is set aside. Next, stitches are picked up along the shoulders of the front panel. The back neckline is subtly shaped using short rows to enhance the overall fit. Knitting continues on the back panel until reaching the underarm level, where both the front and back panels are joined together. The body is worked in the round to the hem. Sleeve stitches are picked up around the armhole and worked in the round.
- Charts and legend are provided at the end of the written instructions, spanning from pages 14 to 16.
- Abbreviations used in the pattern can be found at the end of the written instructions on page 17.

## INSTRUCTIONS

### FRONT

Using 4 mm / US 6 circular needle, CO 115 (121, 127, 133)(139, 147, 155)(163, 175) sts using German twisted cast-on (see Special Techniques 1 on page 4).

**Setup Row (WS):** P18 (19, 20, 21)(22, 26, 28)(32, 36), **pm**, work Row 10 (6, 2, 8)(4, 4, 10)(10, 6) of Chart B, **pm**, p1, [k1, p1] 28 (30, 32, 34)(36, 36, 38)(38, 40) times [centre ribbing section], **pm**, work Row 10 (6, 2, 8)(4, 4, 10)(10, 6) of Chart A, **pm**, p18 (19, 20, 21)(22, 26, 28)(32, 36).

Turn work to the RS. Using 2 lockable stitch markers, mark the 1st (3rd, 3rd, 4th)(4th, 4th, 6th)(5th, 6th) stitch and the last 1st (3rd, 3rd, 4th)(4th, 4th, 6th)(5th, 6th) stitch from both sides within the centre ribbing section. These markers indicate the starting and ending points for the shoulder stitches that will be picked up for the back piece.

**Right Shoulder (RSH) and Neck** (see Special Techniques 2)

**Size XS (- - -)(- - -)(- - -) only:**

**SRow 1 (RS):** K to m, **sm**, work Row 1 of Chart A, **sm**, k1, tw.

**SRow 2 (WS):** Ds, **sm**, work Row 2 of Chart A, **sm**, p3, tw.

**SRow 3 (RS):** Ds, k2, **sm**, work Row 3 of Chart A, **sm**, KDS, [p1, k1], tw.

**Sizes - (S, M, L)(XL, 2XL, 3XL)(4XL, 5XL) only:**

**SRow 1 (RS):** K to m, **sm**, work Row - (7, 3, 9)(5, 5, 1)(1, 7) of Chart A, **sm**, k1, [p1, k1] - (1, 1, 2)(2, 2, 3)(3, 4) times, tw.

**SRow 2 (WS):** Ds, [k1, p1] to m, **sm**, work Row - (8, 4, 10)(6, 6, 2)(2, 8) of Chart A, **sm**, p3, tw.

**SRow 3 (RS):** Ds, k2, **sm**, work Row - (9, 5, 1)(7, 7, 3)(3, 9) of Chart A, **sm**, [k1, p1] to ds, KDS, p1, k1, tw.

**All sizes:**

**SRow 4 (WS):** Ds, [k1, p1] to m, **sm**, work Row 4 (10, 6, 2)(8, 8, 4)(4, 10) of Chart A, **sm**, p2, PDS, p2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**SRow 5 (RS):** Ds, k to m, **sm**, work Row 5 (1, 7, 3)(9, 9, 5)(5, 1) of Chart A, **sm**, [k1, p1] to ds, KDS, p1, k1, tw.

**SRow 6 (WS):** Ds, [k1, p1] to m, **sm**, work Row 6 (2, 8, 4)(10, 10, 6)(6, 2) of Chart A, **sm**, p to ds, PDS, p2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**SRow 7 (RS):** Ds, k to 1 st before m, **m1R**, k1, **sm**, work Chart A in pattern as established, **sm**, **ssk**, [k1, p1] to ds, KDS, p1, k1, tw. [56 (60, 64, 68)(72, 72, 76)(76, 80) rib sts btw markers, 19 (20, 21, 22)(23, 27, 29)(33, 37) St sts on RSH]

**SRow 8 (WS):** Ds, [k1, p1] to 1 st before m, p1, **sm**, work Chart A in pattern, **sm**, p to ds, PDS, p2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**SRow 9 (RS):** Ds, k to 1 st before m, **m1R**, k1, **sm**, work Chart A in pattern as established, **sm**, **ssk**, p1, [k1, p1] to ds, KDS, p1, k1, tw.

[55 (59, 63, 67)(71, 71, 75)(75, 79) rib sts btw markers, 20 (21, 22, 23)(24, 28, 30)(34, 38) St sts on RSH]

**SRow 10 (WS):** Ds, [k1, p1] to m, **sm**, work Chart A in pattern, **sm**, p to ds, PDS, p2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**SRow 11 (RS):** Repeat SRow 7.

[54 (58, 62, 66)(70, 70, 74)(74, 78) rib sts btw markers, 21 (22, 23, 24)(25, 29, 31)(35, 39) St sts on RSH]

**SRow 12 (WS):** Repeat SRow 8.

**SRow 13 (RS, dec):** Ds, k to m, **sm**, work Chart A in pattern, **sm**, **ssk**, p1, [k1, p1] to ds, KDS,

[p1, k1] 1 (1, 1, 1)(2, 2, 2)(2, 2) time(s), tw.

[1 st dec'd. 114 (120, 126, 132)(138, 146, 154)(162, 174) total sts, 53 (57, 61, 65)(69, 69, 73)(73, 77) rib sts btw markers, 21 (22, 23, 24)(25, 29, 31)(35, 39) St sts on RSH]

**SRow 14 (WS):** Repeat SRow 10.

**SRow 15 (RS):** Ds, k to 1 st before m, **m1R**, k1, **sm**, work Chart A in pattern, **sm**, **ssk**, [k1, p1] to ds, KDS, [p1, k1] **2 times**, tw. [52 (56, 60, 64)(68, 68, 72)(72, 76) rib sts btw markers, 22 (23, 24, 25)(26, 30, 32)(36, 40) St sts on RSH]

**SRow 16 (WS):** Repeat SRow 8.

**SRow 17 (RS):** Ds, k to 1 st before m, **m1R**, k1, **sm**, work Chart A in pattern, **sm**, **ssk**, p1, [k1, p1] to ds, KDS, [p1, k1] **2 times**, tw. [51 (55, 59, 63)(67, 67, 71)(71, 75) rib sts btw markers, 23 (24, 25, 26)(27, 31, 33)(37, 41) St sts on RSH]

**SRow 18 (WS):** Ds, [k1, p1] to m, **sm**, work Chart A in pattern, **sm**, p to ds, PDS, p1 (2, 3, 4)(5, 2, 4)(1, 5) to end.

**Next Row (RS):** K to 1 st before m, **m1R**, k1, **sm**, work Row 9 (5, 1, 7)(3, 3, 9)(9, 5) of Chart A, **sm**, **ssk**, [k1, p1] to ds, KDS, [p1, k1] to m, **sm**, work Row 1 (7, 3, 9)(5, 5, 1)(1, 7) of Chart B, **sm**, k to end.

[50 (54, 58, 62)(66, 66, 70)(70, 74) rib sts btw markers, 24 (25, 26, 27)(28, 32, 34)(38, 42) St sts on RSH]

## Left Shoulder (LSH) and Neck

**Size XS (- - -)(- - -)(- - -) only:**

**SRow 1 (WS):** P to m, **sm**, work Row 2 of Chart B, **sm**, p1, tw.

**SRow 2 (RS):** Ds, **sm**, work Row 3 of Chart B, **sm**, k3, tw.

**SRow 3 (WS):** Ds, p2, **sm**, work Row 4 of Chart B, **sm**, PDS, [k1, p1], tw.

**Sizes - (S, M, L)(XL, 2XL, 3XL)(4XL, 5XL) only:**

**SRow 1 (WS):** P to m, **sm**, work Row - (8, 4, 10)(6, 6, 2)(2, 8) of Chart B, **sm**, p1, [k1, p1] - (1, 1, 2)(2, 2, 3)(3, 4) time(s), tw.

**SRow 2 (RS):** Ds, [p1, k1] to m, **sm**, work Row - (9, 5, 1)(7, 7, 3)(3, 9) of Chart B, **sm**, k3, tw.

**SRow 3 (WS):** Ds, p2, **sm**, work Row - (10, 6, 2)(8, 8, 4)(4, 10) of Chart B, **sm**, [p1, k1] to ds, PDS, k1, p1, tw.

**All sizes:**

**SRow 4 (RS):** Ds, [p1, k1] to m, **sm**, work Row 5 (1, 7, 3)(9, 9, 5)(5, 1) of Chart B, **sm**, k to ds, KDS, k2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**SRow 5 (WS):** Ds, p to m, **sm**, work Row 6 (2, 8, 4)(10, 10, 6)(6, 2) of Chart B, **sm**, [p1, k1] to ds, PDS, k1, p1, tw.

**SRow 6 (RS):** Ds, [p1, k1] to 2 sts before m, **k2tog**, **sm**, work Chart B in pattern as established, **sm**, k1, **m1L**, k to ds, KDS, k2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

[49 (53, 57, 61)(65, 65, 69)(69, 73) rib sts btw markers, 19 (20, 21, 22)(23, 27, 29)(33, 37) St sts on LSH]

**SRow 7 (WS):** Ds, p to m, **sm**, work Chart B in pattern, **sm**, p1, [p1, k1] to ds, PDS, k1, p1, tw.

**SRow 8 (RS):** Ds, p1, [k1, p1] to 2 sts before m, **k2tog**, **sm**, work Chart B in pattern, **sm**, k1, **m1L**, k to ds, KDS, k2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

[48 (52, 56, 60)(64, 64, 68)(68, 72) rib sts btw markers, 20 (21, 22, 23)(24, 28, 30)(34, 38) St sts on LSH]

**SRow 9 (WS):** Ds, p to m, **sm**, work Chart B in pattern, **sm**, [p1, k1] to ds, PDS, k1, p1, tw.

**SRow 10 (RS):** Ds, [p1, k1] to 2 sts before m, **k2tog**, **sm**, work Chart B in pattern, **sm**, k1, **m1L**, k to ds, KDS, k2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

[47 (51, 55, 59)(63, 63, 67)(67, 71) rib sts btw markers, 21 (22, 23, 24)(25, 29, 31)(35, 39) St sts on LSH]

**SRow 11 (WS):** Ds, p to m, **sm**, work Chart B in pattern, **sm**, p1, [p1, k1] to ds, PDS, k1, p1, tw.

**SRow 12 (RS, dec):** Ds, p1, [k1, p1] to 2 sts before m, **k2tog**, **sm**, work Chart B in pattern, **sm**, k to ds, KDS, k2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

[1 st dec'd. 113 (119, 125, 131)(137, 145, 153)(161, 173) total sts, 46 (50, 54, 58)(62, 62, 66)(66, 70) rib sts btw markers, 21 (22, 23, 24)(25, 29, 31)(35, 39) St sts on LSH]

**SRow 13 (WS):** Ds, p to m, **sm**, work Chart B in pattern, **sm**, [p1, k1] to ds, PDS, [k1, p1] 1 (1, 1, 1)(2, 2, 2)(2, 2) time(s), tw.

**SRow 14 (RS):** Repeat SRow 10.

[45 (49, 53, 57)(61, 61, 65)(65, 69) rib sts btw markers, 22 (23, 24, 25)(26, 30, 32)(36, 40) St sts on LSH]

**SRow 15 (WS):** Ds, p to m, **sm**, work Chart B in pattern, **sm**, p1, [p1, k1] to ds, PDS, [k1, p1] **2 times**, tw.

**SRow 16 (RS):** Ds, p1, [k1, p1] to 2 sts before m, **k2tog**, **sm**, work Chart B in pattern, **sm**, k1, **m1L**, k to ds, KDS, k2, tw. [44 (48, 52, 56)(60, 60, 64)(64, 68) rib sts btw markers, 23 (24, 25, 26)(27, 31, 33)(37, 41) St sts on LSH]

**SRow 17 (WS):** Ds, p to m, **sm**, work Chart B in pattern, **sm**, [p1, k1] to ds, PDS, [k1, p1] **2 times**, tw.

**SRow 18 (RS):** Ds, [p1, k1] to 2 sts before m, **k2tog**, **sm**, work Chart B in pattern, **sm**, k1, **m1L**, k to ds, KDS, k1 (2, 3, 4)(5, 2, 4)(1, 5) to end.

[43 (47, 51, 55)(59, 59, 63)(63, 67) rib sts btw markers, 24 (25, 26, 27)(28, 32, 34)(38, 42) St sts on LSH]

**Next Row (WS):** P to m, **sm**, work Row 10 (6, 2, 8)(4, 4, 10)(10, 6) of Chart B, **sm**, p1, [p1, k1] to ds, PDS, [k1, p1] to 1 st before m, p1, **sm**, work the same row on Chart A, **sm**, p to end.

You have 113 (119, 125, 131)(137, 145, 153)(161, 173) front sts in total.

## Neck Rib Decrease

You will be working Row 1 (7, 3, 9)(5, 5, 1)(1, 7) on both Charts A and B in the next row.

**Row 1 (RS, dec):** K to m, **sm**, work Chart A in pattern, **sm**, **ssk**, work 1x 1 rib pattern to 2 sts before m, **k2tog**, **sm**, Chart B in pattern, **sm**, k to end.

[2 sts dec'd. 111 (117, 123, 129)(135, 143, 151)(159, 171) total sts, 41 (45, 49, 53)(57, 57, 61)(61, 65) sts btw markers, 24 (25, 26, 27)(28, 32, 34)(38, 42) St sts on each side]

**Row 2 (WS):** P to m, **sm**, work Chart B in pattern, **sm**, work sts as they appear to m, **sm**, work Chart A in pattern, **sm**, p to end.

**Row 3 (RS):** K to 1 st before m, **m1R**, k1, **sm**, work Chart A in pattern, **sm**, **ssk**, work 1x1 rib pattern to 2 sts before m, **k2tog**, **sm**, work Chart B in pattern, **sm**, k1, **m1L**, k to end.

[39 (43, 47, 51)(55, 55, 59)(59, 63) sts btw markers, 25 (26, 27, 28)(29, 33, 35)(39, 43) St sts on each side]

**Row 4 (WS):** P to m, **sm**, work Chart B in pattern, **sm**, work sts as they appear to m, **sm**, work Chart A in pattern, **sm**, p to end.

**Rows 5-8:** Repeat *Rows 3-4*, 2 times.

[35 (39, 43, 47)(51, 51, 55)(55, 59) sts btw markers, 27 (28, 29, 30)(31, 35, 37)(41, 45) St sts on each side]

### Sizes XS (-, M, -)(XL, 2XL, -)(-, 5XL) only:

Repeat *Rows 1-8*, 4 (-, 5, -)(6, 6, -)(-, 7) more times, ending with Row 10 on both Charts A and B.

[103 (-, 113, -)(123, 131, -)(-, 157) sts remaining; 3 sts btw markers, 39 (-, 44, -)(49, 53, -)(-, 66) St sts on each side]

### Sizes - (S, -, L)(-, -, 3XL)(4XL, -) only:

Repeat *Rows 1-8*, - (4, -, 5)(-, -, 6)(6, -) more times. Then work *Rows 1-4*, ending with Row 10 on both Charts A and B.

[- (107, -, 117)(-, -, 137)(145, -) sts remaining; 3 sts btw markers, - (41, -, 46)(-, -, 56)(60, -) St sts on each side]

Break yarn. Place all front sts on a waste yarn.

The front measures 24 (25.5, 27, 28.5)(30, 30, 32)(32, 33.5) cm / 9½ (10, 10¾, 11¼)(12, 12, 12½)(12½, 13)" from the highest point of the shoulder to the armhole.

## BACK

With 4 mm / US 6 circular needle, pick up the first 18 (19, 20, 21)(22, 26, 28)(32, 36) St sts along the left front shoulder. Next, pick up each of the 11 sts from the chart, then the first 1 (3, 3, 4)(4, 4, 6)(5, 6) st(s) along the neck rib. Turn work to the WS, cast on 41 (41, 43, 45)(47, 47, 47)(49, 49) sts using cable CO (see Special Techniques 4). Turn work to the RS. Ensure that the newly CO sts are not twisted. Pick up and knit the last 1 (3, 3, 4)(4, 4, 6)(5, 6) st(s) along the neck rib. Continuing with the right front shoulder, pick up and knit each of the 11 sts from the chart, then pick up and knit the last 18 (19, 20, 21)(22, 26, 28)(32, 36) sts along the right shoulder. Remove the 2 lockable markers from the centre neck ribbing.

[101 (107, 111, 117)(121, 129, 137)(145, 155) back stitches in total]

**Setup Row (WS):** P18 (19, 20, 21)(22, 26, 28)(32, 36), **pm**, work Row 10 (6, 2, 8)(4, 4, 10)(10, 6) of Chart B, **pm**, p43 (47, 49, 53)(55, 55, 59)(59, 61), **pm**, Row 10 (6, 2, 8)(4, 4, 10)(10, 6) of Chart A, **pm**, p18 (19, 20, 21)(22, 26, 28)(32, 36).

### Left Shoulder and Neck

**SRow 1 (RS):** K to m, **sm**, work Row 1 (7, 3, 9)(5, 5, 1)(1, 7) of Chart A, **sm**, k6 (8, 8, 9)(9, 9, 11)(10, 11), tw.

**SRow 2 (WS):** Ds, p5 (7, 7, 8)(8, 8, 10)(9, 10), **sm**, work Row 2 (8, 4, 10)(6, 6, 2)(2, 8) of Chart A, **sm**, p3, tw.

**SRow 3 (RS):** Ds, k2, **sm**, work Row 3 (9, 5, 1)(7, 7, 3)(3, 9) of Chart A, **sm**, k to ds, KDS, k5, tw.

**SRow 4 (WS):** Ds, p to m, **sm**, work Row 4 (10, 6, 2)(8, 8, 4)(4, 10) of Chart A, **sm**, p2, PDS, p2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**Next SRow (RS):** Ds, k4 (4, 4, 4)(4, 5, 5)(6, 6), **sm**, work Row 5 (1, 7, 3)(9, 9, 5)(5, 1) of Chart A, **sm**, k to ds, KDS, k to m, **sm**, work Row 1 (7, 3, 9)(5, 5, 1)(1, 7) of Chart B, **sm**, k3, tw.

### Right Shoulder and Neck

**SRow 1 (WS):** Ds, p2, **sm**, work Row 2 (8, 4, 10)(6, 6, 2)(2, 8) of Chart B, **sm**, p6 (8, 8, 9)(9, 9, 11)(10, 11), tw.

**SRow 2 (RS):** Ds, k5 (7, 7, 8)(8, 8, 10)(9, 10), **sm**, work Row 3 (9, 5, 1)(7, 7, 3)(3, 9) of Chart B, **sm**, k2, KDS, k2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**SRow 3 (WS):** Ds, p4 (4, 4, 4)(4, 5, 5)(6, 6), **sm**, work Row 4 (10, 6, 2)(8, 8, 4)(4, 10) of Chart B, **sm**, p to ds, PDS, p5, tw.

**SRow 4 (RS):** Ds, k to m, **sm**, work Row 5 (1, 7, 3)(9, 9, 5)(5, 1) of Chart B, **sm**, k to ds, KDS, k2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**Next SRow (WS):** Ds, p to m, **sm**, work Row 6 (2, 8, 4)(10, 10, 6)(6, 2) of Chart B, **sm**, p to ds, PDS, p to m, **sm**, work Row 6 (2, 8, 4)(10, 10, 6)(6, 2) of Chart A, **sm**, p to ds, PDS, p2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

### Shoulders Shaping

**SRow 1 (RS):** Ds, k to m, **sm**, work Chart A in established pattern, **sm**, k to m, **sm**, work the same row of Chart B, **sm**, k to ds, KDS, k2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**SRow 2 (WS):** Ds, p to m, **sm**, work Chart B in pattern, **sm**, p to m, **sm**, work the same row of Chart A, **sm**, p to ds, PDS, p2 (2, 2, 2)(2, 3, 3)(4, 4), tw.

**SRows 3-10:** Repeat *SRows 1-2*, 4 more times, ending with Row 6 (2, 8, 4)(10, 10, 6)(6, 2) of both Charts A and B. [You have 1 (2, 3, 4)(5, 2, 4)(1, 5) unworked sts on each needle]

**SRow 11 (RS):** Ds, k to m, **sm**, work Row 7 (3, 9, 5)(1, 1, 7)(7, 3) of Chart A, **sm**, k to m, **sm**, work the same row of Chart B, **sm**, k to ds, KDS, k1 (2, 3, 4)(5, 2, 4)(1, 5) to end.

**SRow 12 (WS):** P to m, **sm**, work Row 8 (4, 10, 6)(2, 2, 8)(8, 4) of Chart B in pattern, **sm**, p to m, **sm**, work the same row of Chart A, **sm**, p to ds, PDS, p1 (2, 3, 4)(5, 2, 4)(1, 5) to end.

**Row 1 (RS):** K to m, **sm**, work Chart A in pattern, **sm**, k to m, **sm**, work the same row of Chart B, **sm**, k to end.

**Row 2 (WS):** P to m, **sm**, work Chart B in pattern, **sm**, p to m, **sm**, work the same row of Chart A, **sm**, p to end.

Repeat *Rows 1-2*, 20 (22, 24, 26)(28, 28, 30)(30, 32) more times, ending with Row 10 on both Charts A and B. The back measures 24 (25.5, 27, 28.5)(30, 30, 32)(32, 33.5) cm / 9½ (10, 10¾, 11¼)(12, 12, 12½)(12½, 13)” from the highest point of the shoulder to the armhole. Do not break yarn.

## JOIN BACK AND FRONT

Turn work to the RS of the front. Slip all front sts onto RN. Begin working in the round from the back, k to m, **sm**, work Row 1 of Chart A, **sm**, k to m, **sm**, work Row 1 of Chart B, **sm**, k to end of back. Remove the two stitch markers positioned at the ends of the centre neck ribbing stitches on the front piece, and continue working the front according to your size below:

**Sizes XS (-, M, -)(XL, 2XL, -)(-, 5XL) only:** K to m, **sm**, work Row 1 of **Chart C**, **sm**, k to end of front. **Pm** for BOR between the back and left front.

[2 sts dec'd. 202 (-, 222, -)(242, 258, -)(-, 310) sts, 57 (-, 64, -)(71, 79, -)(-, 102) St sts on each left and right side of body btw markers]

**Sizes - (S, -, L)(-, -, 3XL)(4XL, -) only:** K to 1 st before m, **m1R**, k1, **sm**, work Row 1 of **Chart C**, **sm**, k1, **m1L**, k to end of front. **Pm** for BOR between the back and left front.

[- (214, -, 234)(-, -, 274)(290, -) sts, - (61, -. 68)(-, -, 85)(93, -) St sts on each left and right side of body btw markers]

### Body Cable Transition 1

**Next Rnd:** K to m, **sm**, work Row 2 of Chart A, **sm**, k to m, **sm**, work Row 2 of Chart B, **sm**, k to m, **sm**, work Row 2 of Chart C, **sm**, k to end.

**Sizes XS (-, M, -)(XL, 2XL, -)(-, 5XL) only:**

**Rnd 1:** K to m, **sm**, work Chart A in pattern, **sm**, k to m, **sm**, work Chart B in pattern, **sm**, k to 1 st before m, **m1R**, k1, **sm**, work Chart C in pattern as established, **sm**, k1, **m1L**, k to end.

[58 (-, 65, -)(72, 80, -)(-, 103) St sts on each left and right side of body btw m]

**Rnd 2:** K to m, **sm**, work Chart A in pattern, **sm**, k to m, **sm**, work Chart B in pattern, **sm**, k to m, **sm**, work Chart C in pattern, **sm**, k to end.

**Rnds 3-6:** Repeat *Rnds 1-2*, 2 times, ending with Row 8 of Chart C.

[60 (-, 67, -)(74, 82, -)(-, 105) St sts on each left and right side of body btw m]

**Rnds 7-8 (dec):** Repeat *Rnd 2*, 2 times. [2 sts dec'd. 200 (-, 220, -)(240, 256, -)(-, 308) sts]

**Rnd 9-12:** Repeat *Rnds 1-2*, 2 times, ending with Row 14 of Chart C.

[62 (-, 69, -)(76, 84, -)(-, 107) St sts on each left and right side of body btw m]

**Rnds 13 (dec):** Repeat *Rnd 2*. [2 sts dec'd. 198 (-, 218, -)(238, 254, -)(-, 306) sts]

**Sizes - (S, -, L)(-, -, 3XL)(4XL, -) only:**

**Rnd 1:** K to m, **sm**, work Chart A in pattern as established, **sm**, k to m, **sm**, work Chart B in pattern, **sm**, k to 1 st before m, **m1R**, k1, **sm**, work Chart C in pattern, **sm**, k1, **m1L**, k to m.

[- (62, -. 69)(-, -, 86)(94, -) St sts on each left and right side of body btw m]

**Rnd 2:** K to m, **sm**, work Chart A in pattern as established, **sm**, k to m, **sm**, work Chart B in pattern, **sm**, k to m, **sm**, work Chart C in pattern, **sm**, k to m.

**Rnds 3-4 (dec):** Repeat *Rnd 2*, 2 times. [2 sts dec'd. - (212, -, 232)(-, -, 272)(288, -) sts]

**Rnds 5-10:** Repeat *Rnds 1-2*, 3 times, ending with Row 12 of Chart C.

[- (65, - 72)(-, -, 89)(97, -) St sts on each left and right side of body btw m]

**Rnds 11-12 (dec):** Repeat *Rnd 2*, 2 times. [2 sts dec'd. - (210, -, 230)(-, -, 270)(286, -) sts]

**Rnd 13:** Repeat *Rnd 1*. [- (66, - 73)(-, -, 90)(98, -) St sts on each left and right side of body btw m]

## Body Cable Transition 2

**Rnd 1:** K to m, **sm**, work Row 6 of Chart A, **sm**, k to m, **sm**, work Row 6 of Chart B, **sm**, k to m, **sm**, work Row 1 of **Chart D**, **sm**, k to m.

**Rnd 2:** K to m, **sm**, work Row 7 of Chart A, **sm**, k to m, **sm**, work Row 7 of Chart B, **sm**, k to m, **sm**, work Row 2 of Chart D, **sm**, k to m.

**Rnd 3:** K to m, **sm**, work Chart A in pattern, **sm**, k to m, **sm**, work Chart B in pattern, **sm**, k to m, **sm**, work Chart D in pattern established, **sm**, k to m.

### Sizes XS (-, M, -)(XL, 2XL, 3XL)(4XL, 5XL) only:

Repeat *Rnd 3*, until body measures approximately 26 (-, 27, -)(30, 32, 35)(36, 35.5) cm / 10¼ (-, 10½, -)(11¾, 12½, 13¾)(14¼, 14)" from the underarm, ending with Row 4 or 10 of both Charts A and B.

### Sizes - (S, -, L)(- - -)(- -) only:

Repeat *Rnd 3*, until body measures approximately - (25.5, -, 28.5)(- - -)(- -) cm / - (10, -, 11¼)(- - -)(- -)" from the underarm, ending with Row 2, 6 or 8 of both Charts A and B.

## HEM

Switch to 3 mm / US 2 or US 3 circular needle. Remove all markers from the body except for the BORm.

Work hem in 1x1 rib [k1, p1] for approximately 5 cm / 2". Bind off with tubular bind-off method (see Special Techniques 5).



## SLEEVE

Switch to 4 mm / US 6 circular needle.

### Sizes XS (S, M, L)(XL, 2XL, 3XL)(4XL, -) only:

Beginning from the underarm towards the tip of the shoulder, pick up and knit  
 [ 3 sts for every 4 rows, (2 sts for every 3 rows **twice**) ] 4 (4, 4, 5)(5, 5, 6)(6, -) times,  
 [ - (1, 3, 1)(1, 1, -)(- -) st(s) for every - (2, 4, 2)(2, 2, -)(- -) rows ] - (2, 2, 1)(3, 3, -)(- -) time(s),  
 1 st for each of the next 5 rows.

Continuing from the tip of the shoulder, pick up and knit  
 1 st for each of the next 4 rows,  
 [ 3 sts for every 4 rows, (2 sts for every 3 rows **twice**) ] 4 (4, 4, 5)(5, 5, 5)(5, -) times,  
 1 (3, 5, 2)(4, 4, 6)(6, -) st(s) **evenly** for the remaining 1 (5, 9, 3)(7, 7, 11)(11, -) row(s) towards the end of underarm.

**Pm** for BOR. [66 (70, 76, 82)(86, 86, 92)(92, -) sleeve sts]

### Size - (- - -)(- - -)(-, 5XL) only:

Beginning from the underarm towards the tip of the shoulder, pick up and knit  
 [ 1 st for every 2 rows, 2 sts for every 3 rows ] 11 times,  
 1 st for each of the next 14 rows.

Continuing from the tip of the shoulder, pick up and knit  
 1 st for each of the next 4 rows,  
 [ 1 st for every 2 rows, 2 sts for every 3 rows ] 12 times,  
 1 st for each of the remaining 5 rows towards the end of underarm.

**Pm** for BOR. [92 sleeve sts]

## Sleeve Cap Shaping

**Setup Rnd:** K28 (30, 34, 36)(38, 38, 42)(42, 42), **pm**, (p1, k7, p1), **pm**, k29 (31, 33, 37)(39, 39, 41)(41, 41) to end.

**SRow 1 (RS):** K to m, **sm**, work Row 1 of Chart D, **sm**, k2, tw.

**SRow 2 (WS):** Ds, p1, **sm**, work Row 2 of Chart D, **sm**, p2, tw.

**SRow 3 (RS):** Ds, k1, **sm**, work Row 3 of Chart D, **sm**, k1, KDS, k5, tw.

**SRow 4 (WS):** Ds, p6, **sm**, work Row 4 of Chart D, **sm**, p1, PDS, p5, tw.

**SRow 5 (RS):** Ds, k to m, **sm**, work Chart D in established pattern, **sm**, k to ds, KDS, k5, tw.

**SRow 6 (WS):** Ds, p to m, **sm**, work Chart D in pattern, **sm**, p to ds, PDS, p5, tw.

Repeat *SRows 5-6*, - (1, 2, 3)(3, 3, 3)(3, 3) more time(s).

**Next SRow (RS):** Ds, k to m, **sm**, work Row 2 (4, 1, 3)(3, 3, 3)(3, 3) of Chart D, **sm**, k to ds, KDS, k to end.

**Next Rnd:** K to ds, KDS, k to m, **sm**, work Row 3 (5, 2, 4)(4, 4, 4)(4, 4) of Chart D, **sm**, k to end.

**Next Rnd:** K to m, **sm**, work Chart D in pattern, **sm**, k to end.

Repeat the last round until the sleeve measures approximately 18.5 (19.5, 19.5, 20)(20, 19.5, 19)(19, 18.5) cm / 7¼ (7¾, 7¾, 8)(8, 7¾, 7½)(7½, 7¼)” from the underarm, or 26.5 cm / 10½” shorter than the desired length.

## Sleeve Cable Transition

Starting from the next row, continue following the pattern in Chart D in pattern while incorporating Chart E.

**Setup Rnd 1:** K to 2 sts before m, **k2tog, sm**, work Row 1 of **Chart E, sm, ssk**, k to end.

**Setup Rnds 2-4:** K to m, **sm**, work Rows 2-4 of Chart E, **sm**, k to end.

**Rnd 1:** K to 2 sts before m, **k2tog, sm**, work Chart E in pattern as established, **sm, ssk**, k to end.

**Rnds 2-4:** K to m, **sm**, work Chart E in pattern, **sm**, k to end.

Repeat *Rnds 1-4* until reaching Row 52 of Chart E, ending with Rnd 4 of the instructions. Sleeve measures approximately 39 (40, 40, 40.5)(40.5, 40, 39.5)(39.5, 39) cm / 15¼ (15¾, 15¾, 16)(16, 15¾, 15½)(15½, 15¼)" from the underarm.

## CUFF

Switch to 3 mm / US 2 or US 3 circular needle. Remove all markers except for the BORm.

Work cuff in 1x1 rib [k1, p1] for approximately 6 cm / 2½". Bind off with tubular bind-off method.

## FINISHING

**Note:** While the samples shown are without any neckline bind off, if you prefer to add a finishing touch or find that your neckline is too loose, you may opt for a slip stitch bind-off using a crochet hook (see Special Techniques 6).

Weave in all loose ends. Block garment to measurements in schematic (see Special Techniques 7).

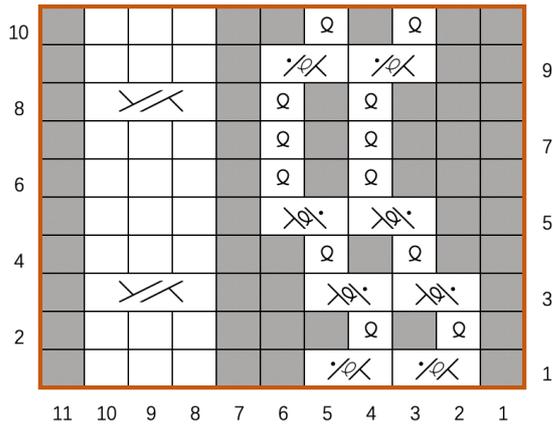


## CHARTS

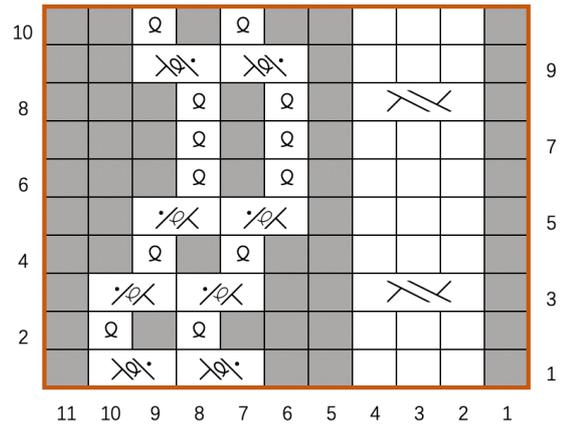
### Important notes about chart reading:

- When working in the round, read all charts from right to left.
- When working flat, read odd-numbered chart rows (RS) from right to left. Read even-numbered chart rows (WS) from left to right.

**Chart B (10-row repeat)**



**Chart A (10-row repeat)**



**Chart C**

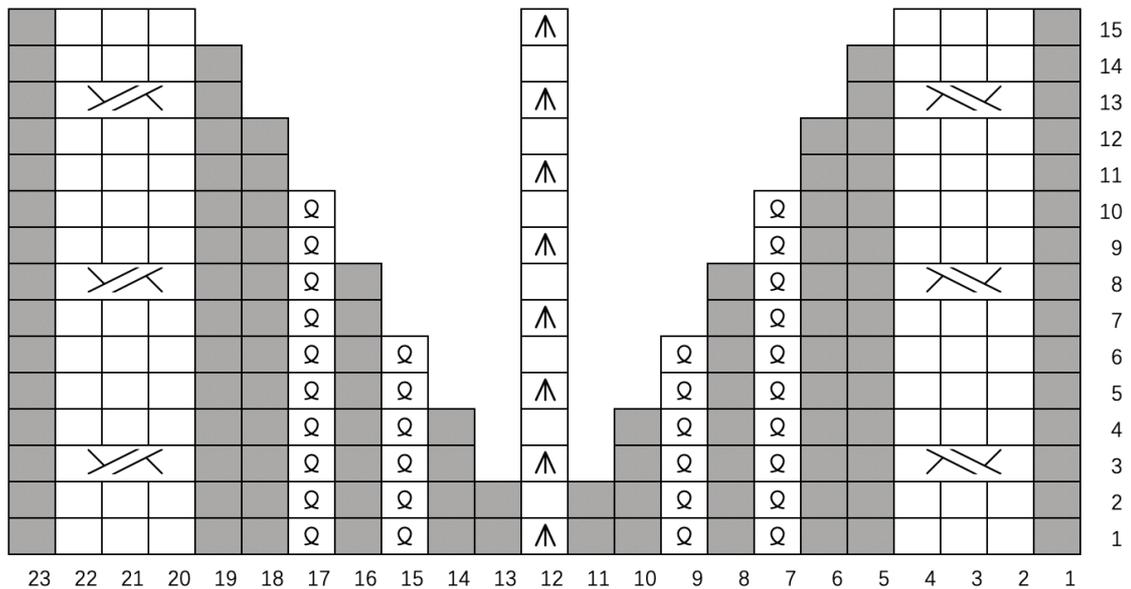


Chart D (5-row repeat)

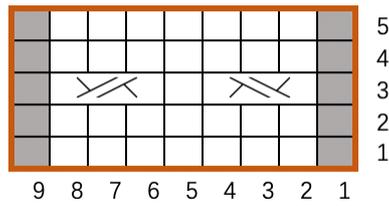
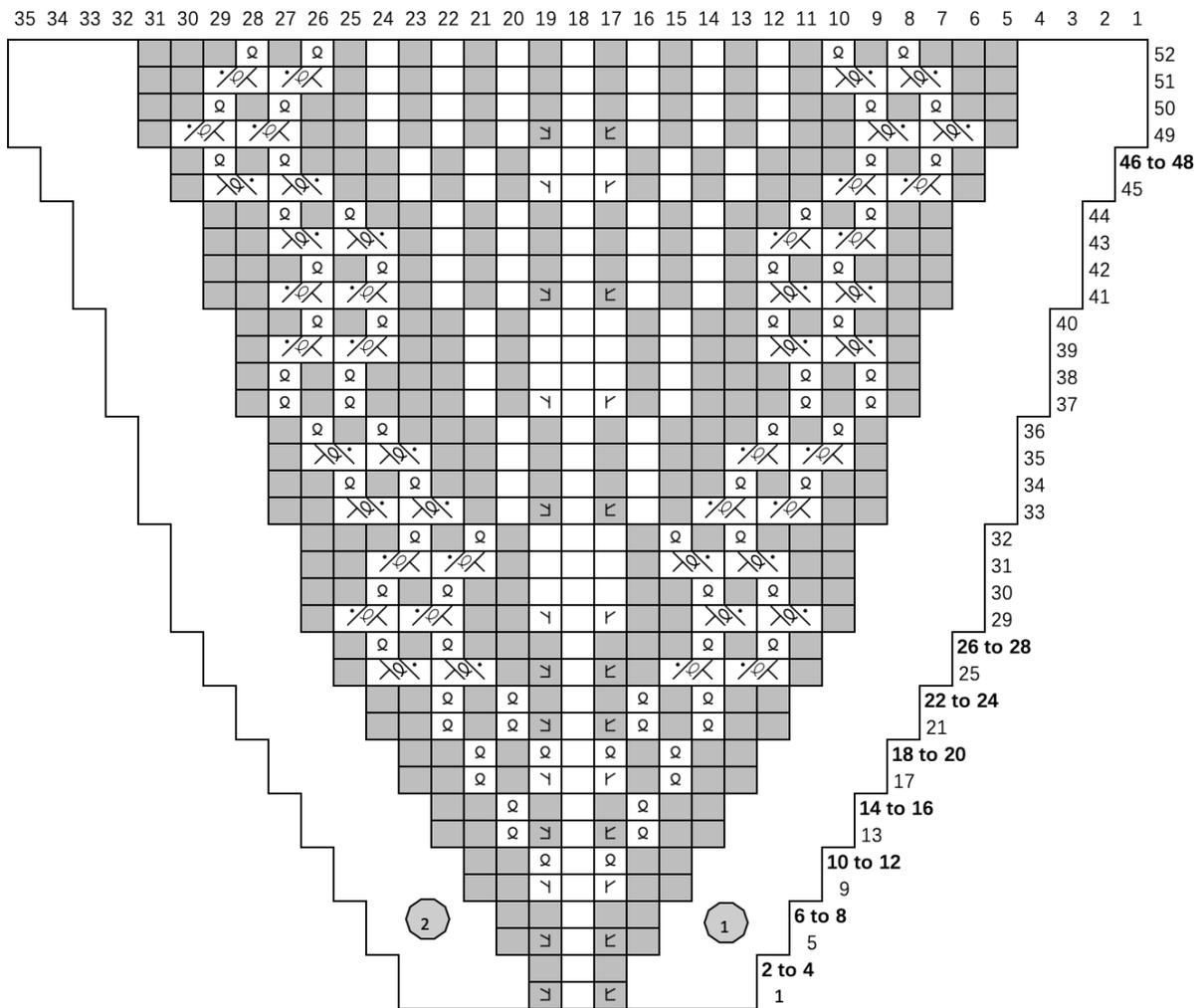


Chart E

(Note: Some rows in the chart are condensed for space efficiency. Look for ranges such as '2-4', '6-8', etc., indicating repeated rows on the right side of the chart. Additionally, consider placing stitch markers on the inner side of the first and last 4 stitches of this chart for added clarity.)



- ① : Work Columns 1 to 4 of Chart D
- ② : Work Columns 6 to 9 of Chart D

## LEGEND



Repeat pattern

### 1 stitch



RS: Knit; WS: Purl



RS: Purl; WS: Knit



RS: K1tbl; WS: P1tbl



m1R



m1L



m1Rp



m1Lp

### 2 stitches



1/1 RT purl: Sl1 onto cn, hold to back. K1tbl, then p1 from cn.



1/1 LT purl: Sl1 onto cn, hold to front. P1, then k1tbl from cn.

### 3 stitches



1/2 RC RS: Sl2 onto cn, hold to back. K1, then k2 from cn.  
WS: Sl1 onto cn, hold to back. P2, then p1 from cn.



1/2 LC RS: Sl1 onto cn, hold to front. K2, then k1 from cn.  
WS: Sl2 onto cn, hold to front. P1, then p2 from cn.



s2kp

## ABBREVIATIONS

<p><b>BO:</b> Bind off</p> <p><b>BOR(m):</b> Beginning of round (marker)</p> <p><b>btw:</b> Between</p> <p><b>cn:</b> Cable needle</p> <p><b>CO:</b> Cast on</p> <p><b>dec ('d):</b> Decrease(d)</p> <p><b>DPN(s):</b> Double-pointed needle(s)</p> <p><b>ds:</b> Double stitch. Bring working yarn to the front, slip stitch purlwise, pull yarn over needle, creating double stitch.</p> <p><b>inc('d):</b> Increase(d)</p> <p><b>k:</b> Knit</p> <p><b>KDS:</b> Knit both legs of the double stitch as one stitch.</p> <p><b>k2tog:</b> Knit 2 stitches together</p> <p><b>LC:</b> Left cross</p> <p><b>LN:</b> Left needle</p> <p><b>LSH:</b> Left shoulder</p> <p><b>LT:</b> Left twist</p> <p><b>m:</b> marker</p> <p><b>m1L:</b> Make 1 left. Insert the tip of left needle from front to back, lift the strand between the 2 needles onto left needle; knit this loop through the back.</p>	<p><b>m1Lp:</b> Make 1 left purl. Insert the tip of left needle from front to back, lift the strand between the 2 needles onto left needle; purl this loop through the back.</p> <p><b>m1R:</b> Make 1 right. Insert the tip of left needle from back to front, lift the strand between the 2 needles onto left needle; knit this loop through the front.</p> <p><b>m1Rp:</b> Make 1 right purl. Insert the tip of left needle from back to front, lift the strand between the 2 needles onto left needle; purl this loop through the front.</p> <p><b>p:</b> Purl</p> <p><b>PDS:</b> Purl both legs of the double stitch as one stitch.</p> <p><b>pm:</b> Place marker</p> <p><b>p2tog:</b> Purl 2 stitches together</p> <p><b>RC:</b> Right cross</p> <p><b>rm:</b> Remove marker</p> <p><b>RN:</b> Right needle</p> <p><b>rnd(s):</b> round(s)</p> <p><b>RS:</b> Right side</p> <p><b>RSH:</b> Right shoulder</p> <p><b>RT:</b> Right twist</p> <p><b>sl:</b> Slip stitch (purlwise)</p> <p><b>sm:</b> Slip marker</p>	<p><b>SRow(s):</b> Short row(s)</p> <p><b>ssk:</b> Slip, slip, knit decrease. Slip 2 stitches individually as if to knit. Move these 2 stitches back to left needle and knit them through the back loops.</p> <p><b>st(s):</b> Stitch(es)</p> <p><b>St:</b> Stockinette</p> <p><b>s2kp:</b> Slip slip knit pass. Slip 2 stitches at the same time, as if to knit. Knit the next stitch. With the left needle, pick up the 2 slipped stitches and pass them over the knit stitch.</p> <p><b>tbl:</b> Through the back loop(s)</p> <p><b>tw:</b> Turn work</p> <p><b>WS:</b> Wrong side</p>
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